

Work Order ID 84147

84147

Page 1

May-03-12 4:11:22 PM

Item ID: D205-665-019

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Cable Guard

Stop ***NS2***

Start Date: 03/05/2012 Start Qty: 4.00

4

Cust Item ID:

Required Date: 17/05/2012 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/05/04

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D205-665	F								
100		0.00							
100									
DC		0.00							
Document Control	Memo								
	PHOTOCOPY BLUE FILE AND CREATE LABELS AS PER PPPD205-665-019 CHG001								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

JB 5/10/14

MLJ 12-5-16
(4)

4 12/05/16 JB
(4)

5/12/16

(4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

84147

Page 2

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 03/05/2012 **Start Qty:** 4.00

4

Cust Item ID:

Required Date: 17/05/2012 **Req'd Qty:** 4.00

4

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Operation Description

Set Up/ Run Hours

Tool ID	Tool #	Plan Code
---------	--------	-----------

**Accept
Qty**

Reject
QtyReject
Number

Insp. Stamp

130

0.00

130

0.00

Packaging

Memo

Identify and pack for shipping as per PPP D205-665-019

Location: 28A

PPP Rev:

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

Q12-05-1-

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May-03-12 4:11:25 PM

Page 1

Work Order ID: 84147

84147

Parent Item: D205-665-019

D205-665-019

Parent Item Name: Cable Guard

Start Date: 03/05/2012

Required Date: 17/05/2012

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A 11.11.08 new issue DD verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2570		Manufactured	No			110	Each	574.0000	10	40			
-------	--	--------------	----	--	--	-----	------	----------	----	----	--	--	--

D2570
Bushing

**

82874 JB S L

Location	Loc Qty	Loc Code
----------	---------	----------

ST011	574	
72960	41	
78586	9	
79493	12	
81956	112	
81957	400	

D4445-1

Manufactured No

110 Each

12.0000

0

4

D4445-1
Cable Guard

**

JB

Location	Loc Qty	Loc Code
----------	---------	----------

ST	1	
78377	1	
ST207	11	
82770	5	
83723	6	

1x 78377 S L

3x 82770 S L

D4506-1

Manufactured No

110 Each

12.0000

0

4

D4506-1
Washer

**

JB 12/05/16

Location	Loc Qty	Loc Code
----------	---------	----------

ST139E	12	
78378	12	

78378 S L

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May-03-12 4:11:25 PM

Page 2

Work Order ID: 84147

84147

Parent Item: D205-665-019

D205-665-019

Parent Item Name: Cable Guard

Start Date: 03/05/2012

Required Date: 17/05/2012

Start Qty: 4.00

Required Qty: 4.00

AN4-47A

Purchased

No

110

Each

72.0000

4

16

**

JB

AN4-47A

Bolt

Location

Loc Qty

Loc Code

ST360

72

105978

4

120498

50

121011

18

120498 S u

AN4-50A

Purchased

No

110

Each

6.0000

4

**

JB

AN4-50A

Bolt

Location

Loc Qty

Loc Code

ST361

6

119578

1

120422

5

1x119578 S u

3x120422 S u

MS21042L4

Purchased

No

110

Each

5,246.000

20

**

JB

12/05/16

MS21042L4

Nut

Location

Loc Qty

Loc Code

ST300

5246

119075

312

121011

1934

121444

3000

121011 S u

May-03-12 4:11:25 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

PARTS LIST

QTY -011	QTY -013	QTY -015	QTY -017	QTY -019	PART NUMBER	DESCRIPTION
X					D205-665-011	CABLE GUARD INSTALLATION
	X				D205-665-013	CABLE GUARD INSTALLATION
		X			D205-665-015	CABLE GUARD INSTALLATION
			X		D205-665-017	CABLE GUARD INSTALLATION
				X	D205-665-019	CABLE GUARD INSTALLATION
1					D2886-1	GUARD
	1				D2886-3	GUARD
			1		D3990-1	GUARD
		1			D2916-1	GUARD
		1			D2916-3	GUARD
		1			D2916-5	GUARD
		1			D2916-7	GUARD
		4			D2915	BUSHING
1		2	1		D2529	WASHER
6	6	8	2	10	D2570	BUSHING
				1	D4445-1	GUARD
				1	D4506-1	WASHER
4	3	4	2	4	AN4-47A	BOLT
				1	AN4-50A	
		4			AN4-55A	BOLT
4	3	8	2	5	MS21042L4 (OR 4)	NUT
1		2	1		NAS1149D0463J	WASHER (OR AN960JD416)

WEIGHT AND BALANCE

Installation	Weight	Longitudinal	
		Arm	Moment
D205-665-011	2.22 lb 1.01 kg	145.2 in 3.69 m	322 in-lb 3.73 m-kg
D205-665-013	2.20 lb 1.00 kg	101.7 in 2.58 m	224 in-lb 2.58 m-kg
D205-665-015	6.96 lb 3.16 kg	117.2 in 2.97 m	816 in-lb 9.40 m-kg
D205-665-017	0.70 lb 0.32 kg	68.5 in 1.74 m	48 in-lb 0.56 m-kg
D205-665-019	4.81 lb 2.18 kg	118.7 in 3.01 m	571 in-lb 6.56 m-kg

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: [Signature]
D. SHEPHERD (DE # 02)

DATE: 12.04.25
CERT. NO.: SH96-88
ISSUE NO.: 3

DESIGN	<u>AS</u>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<u>DC</u>		
CHECKED	<u>AS</u>	DRAWING NO.	REV. G
MFG. APPR.	N/A	D205-665	SHEET 3 OF 10
APPROVED	<u>[Signature]</u>	TITLE	SCALE
DE APPR.	<u>[Signature]</u>	CABLE GUARD INSTALLATION	NTS
DATE	12.04.25	<small>COPYRIGHT © 1999 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	